

Work Order ID 55196

January 11, 2010 1:05:25 PM



Page 1

Item ID: D4027-3

Accept



Setup Start



Revision ID:

Stop



Item Name: Hose Clamp

Start Date: 1/11/10 Start Qty: 10.00



Cust Item ID:

Required Date: 1/29/10 Req'd Qty: 10.00

Customer:

Reference:

Approvals:

Process Plan:

W

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Draw
Number

Draw
Rev.

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

D4027

A-PRELIM

100

0.00



Purchasing

Purchasing

Memo

Issue P/O:

11082

Purchase part as per Dwg D4027

Part #: 200-36S

105200M%5

Possible Supplier: Breeze

Material release note required

0.00

CL 10/01/10

(10)

110

Receive & Inspect for Damage & Mat'l Certs

0.00



Packaging

Packaging

Memo

0.00

P 01/11/10 (W)

PRELIMINARY ISSUE

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

* NOTE: Date & initial all entries

Work Order ID 55196

January 11, 2010 1:05:25 PM



Page 2

Item ID: D4027-3

Accept



Setup Start



Revision ID:

Stop



Item Name: Hose Clamp

Start Date: 1/11/10 Start Qty: 10.00



Cust Item ID:

Required Date: 1/29/10 Req'd Qty: 10.00



Customer:

Reference:

Run Start



Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Stop



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	----------------	--------------	--------------	---------------	---------------	------------------	----------------

120

QC6- Inspect dimensions to drawing

0.00



QC

Memo

0.00

Quality Control

⇒ 81010120

(X10)

130

Identify as per dwg & Stock Location: 457

0.00



Packaging

Memo

0.00

Packaging

870 for move steps



10/18/25 (8x) SP

140

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

10/08/24

DATE 12/26/2018

RELEASED

EFFECTIVE 12/26/2018

POSITIVE RECALL

10-2-19

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
	120 122	Drill hole per drawing.	M.L.	10/08/25	(8x)		
	122	QC 5 to Rev A Dwg	S	10/06/05	45		
		Add to I.P.P. perm change					

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

January 11, 2010 1:05:25 PM

Page 1

Work Order ID: 55196



Parent Item: D4027-3



Parent Item Name: Hose Clamp



Start Date: 1/11/10

Required Date: 1/29/10

Comments: IPP rev A 09.12.23 new Issue Prelim EC verified by: DD

Start Qty: 10.00

Required Qty: 10.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
200-36  Hose Clamp		Purchased	No			100	Each	0.0000	10.0000 		<i>Picklist</i>	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

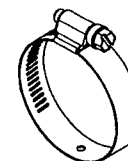
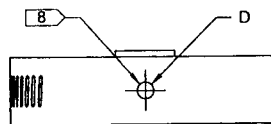
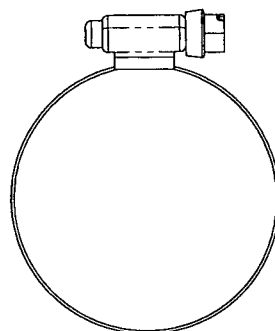
Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

DART AEROSPACE PART NUMBER	JOHN CAMERON AVIATION PART NUMBER
D4027-1	REF JCA-M47-2-20
D4027-3	REF JCA-M47-2-35

SPECIFICATION CONTROL DRAWING



DART PART NUMBER	SUPPLIER	SUPPLIER PART NUMBER	MATERIAL	HOLE DIAMETER "D"	JOHN CAMERON AVIATION PART NUMBER
D4027-1	BREEZE	200-56S	STAINLESS STEEL	0.138	REF JCA-M47-2-20
D4027-3	BREEZE	200-36S	STAINLESS STEEL	0.138	REF JCA-M47-2-35

D4027-X HOSE CLAMP

**PRELIMINARY
ISSUE**

NOTES:

- 1) MATERIAL: SEE TABLE
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4027-X" AND B/N USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: 0.01 lbs
- 8) DRILL $\varnothing 0.138$ HOLE AS SHOWN OPPOSITE WORM DRIVE SCREW, DIMPLE HOLE FOR MS24693S28 SCREW

DESIGN		DART AEROSPACE LTD
DRAWN		HAWKESBURY, ONTARIO, CANADA
CHECKED		DRAWING NO. D4027
MFG. APPR.		REV. A
APPROVED		SHEET 3 OF 6
DE APPR.		TITLE HOSE CLAMP
DATE	09.11.04	SCALE NTS
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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

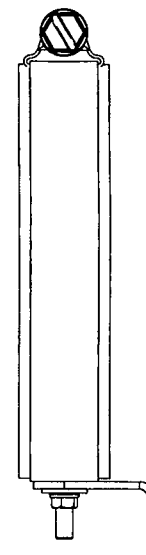
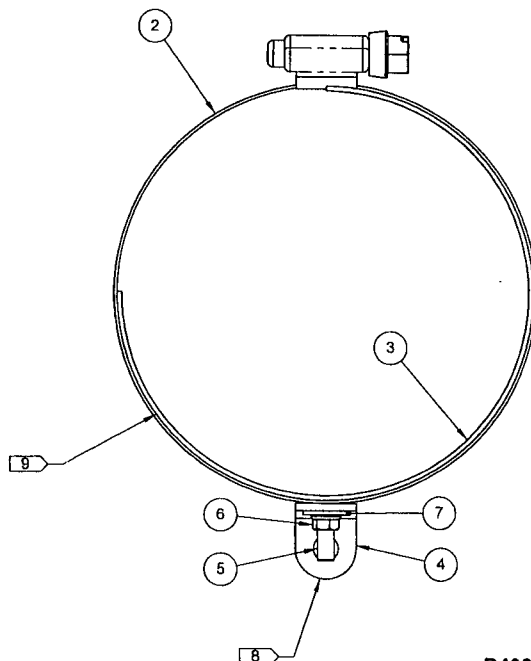
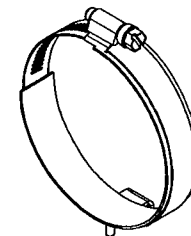
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Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

ITEM NO.	QTY. -041	PART NUMBER	DESCRIPTION	JOHN CAMERON AVIATION PART NUMBER
1	X	D4027-041	HOSE CLAMP ASSEMBLY	JCA-M47-2-20
2	1	D4027-1	HOSE CLAMP	
3	1	D4027-5	RUBBER CUSHION	
4	1	D4027-9	BRACKET, SUPPORT ANGLE	
5	1	MS24693S28	SCREW	
6	1	MS21042L06	NUT	
7	1	NAS1149DN632J	WASHER	



D4027-041 HOSE CLAMP ASSEMBLY

**PRELIMINARY
ISSUE**

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4027-041" AND B/N USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: 0.02 lbs
- 8) ATTACH D4027-9 BRACKET USING MS24693S28 SCREW, MS21042L06 NUT AND NAS1149FN632F WASHER
- 9) GLUE D4027-5 RUBBER CUSHION TO D4027-1 CLAMP USING 3M CONTACT CEMENT IN POSITION AS SHOWN

A	NEW ISSUE		09.11.04
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	09.11.04		

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. **D4027** REV. A
SHEET 1 OF 6
TITLE **HOSE CLAMP** SCALE NTS

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

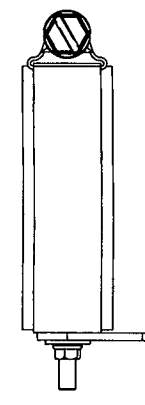
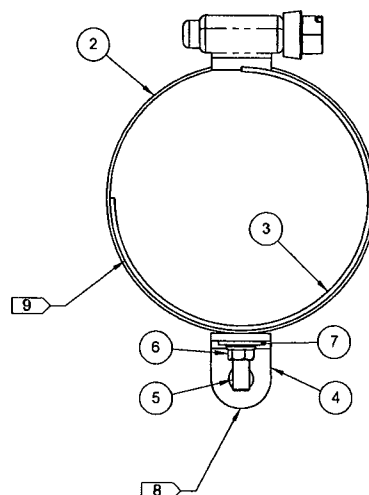
Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

ITEM NO.	QTY. -043	PART NUMBER	DESCRIPTION	JOHN CAMERON AVIATION PART NUMBER
1	X	D4027-043	HOSE CLAMP ASSEMBLY	JCA-M47-2-35
2	1	D4027-3	HOSE CLAMP	
3	1	D4027-7	RUBBER CUSHION	
4	1	D4027-9	BRACKET, SUPPORT CLAMP	
5	1	MS24693S28	SCREW	
6	1	MS21042L06	NUT	
7	1	NAS1149DN632J	WASHER	



D4027-043 HOSE CLAMP ASSEMBLY

**PRELIMINARY
ISSUE**

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4027-041" AND B/N USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: 0.02 lbs
- 8) ATTACH D4027-9 BRACKET USING MS24693S28 SCREW, MS21042L06 NUT AND NAS1149FN632F WASHER
- 9) GLUE D4027-7 RUBBER CUSHION TO D4027-3 CLAMP USING 3M CONTACT CEMENT IN POSITION AS SHOWN

DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. A
MFG. APPR.		D4027	SHEET 2 OF 6
APPROVED		TITLE	SCALE
DE APPR.		HOSE CLAMP	NTS
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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PO REPRINT

Purchase Order ID PO11082

Purchase Order Date 1/11/10

PO Print Date 1/11/10

Page Number 1 of 1

From : VC-AVI001

IAL
BOX 9534 STATION A
TORONTO, ON M5W 2K3

Buyer	Chantal Lavoie
Requisition Nbr	
Tax Resale Nbr	10127-2607
Terms	Net 30
Currency	CAD
FOB	

DART AEROSPACE LTD 1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req. Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
200-56S	Hose Clamp	1/29/10 Yes	10.00 Each	FedEx PI ppd	\$5.0800	\$50.80
Special Inst: AS PER DWG D4027 REV. A- PRELIM B55195 BREEZE P/N: 200-56S OR QS200M56S						
200-36S	Hose Clamp	1/29/10 Yes	10.00 Each	FedEx PI ppd	\$2.2400	\$22.40
Special Inst: AS PER DWG D4027 REV. A- PRELIM B55196 BREEZE P/N: 200-36S OR QS200M36S						

PO Total: \$73.20

CERTIFICATE OF CONFORMITY
REQ'D UPON DELIVERY

CL

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable

ge Nbr: 3

Change Date: 1/11/10



Customs Invoice

PAGE 1

REQUISITION: 869673
Deliver Sequence:From Company: 1
From Location: 08200REQUESTER: 22611
For: 34170

MCCLELLAND, LAURA

Requested Delivery Date: 01/18/10

Deliver To: F1-40-15

Document: 0869673000

Received by

Ship To DART AEROSPACE
1270 ABERDEEN STREET
HAWKESBURY ONTARIO K6A 1K7
CANADA ATTN: BRIDGETTE PH: 613-632-9577

LINE	MFG	ITEM DESCRIPTION	Ordered	Open	Shipped	Backorder	Ext Amt
------	-----	------------------	---------	------	---------	-----------	---------

FED X P1 COLLECT ON CUSTOMER ACCT
1517-9324-0. SHIP DIRECT TO DART
AEROSPACE, 1270 ABERDEEN STREET,
HAWKESBURY ONTARIO K6A 1K7 ATTN:
BRIDGETTE PHONE: 613-632-9577

1	28	20056S	10 EA		10		117.1720
		CLAMP SLOT (10/20)		Shp#:	5381192		
		Schedule B: 8803300010					
		LOT 1008068858 EA				10	
2	28	20036S	10 EA		10		51.6780
		CLAMP S (10/30)		Shp#:	5381192		
		Schedule B: 8803300010					
		LOT 0308914587 EA				10	

TOTAL 168.8500

CERTIFICATE OF CONFORMANCE

As the Quality Manager of Aviall, I hereby certify that we are an approved distributor and meet all requirements of ISO 9001-2000 and AC00-56, at 2750 Regent Blvd. DFW Airport, Texas. The part(s) on this document are in new or newly overhauled condition and were purchased from an approved source (FAA, Mil Spec. or Commercial). The Original Manufacturers' Certifications are maintained on file at our central office location and are available upon request. On newly overhauled or repaired products, the original FAA 8130-3 (return to service) or yellow tag, from the FAA approved overhaul shop, are attached to the component.

Signature

Dave Taylor

Dave Taylor, Manager, Quality

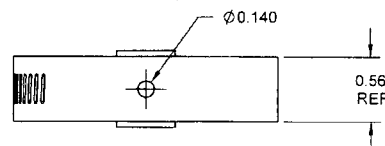
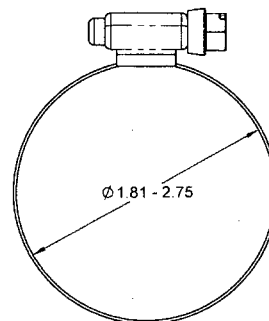
Date

01/18/10

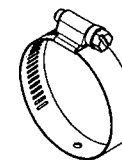
THIS IS TO CERTIFY THAT AVIALL HAS COMPLIED WITH THE PROVISIONS OF THE FAIR LABOR STANDARDS ACT OF 1938 AS AMENDED.

These Commodities, Technologies or Software were exported from the United States in accordance with the export administration regulations. Diversion contrary to U.S. law is prohibited. The items may not be used directly or indirectly, in prohibited nuclear, chemical, biological or missile weapon activities.

DART AEROSPACE PART NUMBER	JOHN CAMERON AVIATION PART NUMBER
D4027-3	REF JCA-M47-2-35



D4027-3 HOSE CLAMP



NOTES:

- 1) MATERIAL: MADE FROM QS200M36S
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4027-3" AND B/N USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: 0.05 lbs
- 8) DRILL Ø0.140 HOLE AS SHOWN OPPOSITE WORM DRIVE SCREW, DIMPLE HOLE FROM INSIDE FOR MS24693S28 SCREW

DESIGN		DART AEROSPACE LTD	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. A
MFG. APPR.		D4027	SHEET 4 OF 7
APPROVED		TITLE	SCALE
DE APPR.		CLAMP	NTS
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RELEASED
2010-05-05
WJ

W1055196